

The OSCILLATOR

Volume 29 Issue 2
February 2006

Oregon Tualatin Valley Amateur Radio Club

The Oregon Tualatin Valley Amateur Radio Club is a special service club related to ARRL: The National Association for Amateur Radio. We seek to advance the Amateur Radio Service through:

- ⇒ Education and Training of new and licensed amateurs
- ⇒ Public Service and Emergency communication
- ⇒ Hobby nets, contests and meetings
- ⇒ Social events

Membership is available to anyone interested in amateur radio. A license is not required.

KK7TN PARAGRAPHS Don Stettler KK7TN

The heavy rainfall during this past December and January is reminiscent of February 1996 when the region experienced similar weather. Then,

however, a low elevation snow melt combined with the heavy rainfall caused significant flooding in the metro area. You may recall that the seawall at Waterfront Park in downtown Portland was sand bagged by volunteers and that

Vernonia was cut off from the rest of the world when the roads and telephone lines into town were washed out.

In 1996 my office was about two blocks west of the Waterfront Park seawall. On the day when the threat of flooding got serious we were being told by the building managers that we needed to leave. The fear was that should the building's basement flood there would be problems with electrical service.

So when Ben Johnson, the Washington County ARES emergency coordinator, called me asking that I join him and several others at the emergency operations center (EOC) in the basement of the county courthouse I was on my way. Ben called me as a first responder because back then I was one of the few that had been attending the monthly ARES meetings. SEE PARAGRAPHS—Page 2

SuitSat February 3rd Launch Expected

What can you do with an old spacesuit? On Friday, February 3, Expedition 12 Commander Bill McArthur KC5ACR, and Flight Engineer Valery Tokarev aboard the ISS will show the world how hams will make a radio out of just about anything as they release "SuitSat 1"—a surplus Russian spacesuit that's been outfitted with an Amateur Radio transmitter. It will go into low orbit and transmit greetings to hams and others around the world via radio. SuitSat is a project of the Amateur Radio on the International Space Station ARISS program <http://www.rac.ca/ariss>.

"SuitSat is a Russian brainstorm," ARISS International Chairman Frank Bauer KA3HDO, at NASA's Goddard Space Flight Center explained. He credits ARISS-Russia's Sergei Samburov RV3DR, and his colleagues with coming up with the concept of turning the old spacesuit into a novel satellite. SuitSat is a first test of that idea, Bauer says.

The uninhabited space suit contains a one-half watt radio transmitter, three batteries and internal sensors to measure temperature and battery voltage. "SuitSat circles Earth, it will transmit its condition to the ground," Bauer says. See Page 3

CLUB ADDRESS:
880 NE 25th Ave Ste 2-160
Hillsboro OR 97124-6258

CLUB MEETING Wednesday, February 8

The Willamette Valley DX Club will remind us about the excitement of working DX at our February meeting. What? You can't operate on HF, this will be another encouragement to upgrade and join in the fun on the HF Bands.

We meet on the second Wednesday of the month at the Beaverton Elks' Lodge, 3500 SW 104th Ave, Beaverton. Meetings begin at 7:00 PM. Guests are welcome. Come at 6:00 PM to enjoy a no-host dinner from the Elks' Buffet.

See you on February 8th. Bring or invite a guest.

Happy February Birthday

1 KB7NJE	Mary Jo Mosby
4 K7SIX	Ken Davenport
5 WB7FJC	Janet Bell
7 KE7DOL	Edwin Elder
8 N7DZR	Willis Ranes
9 WA7YSU	Eric Kosko
12 N7ZZZ	Larry Erickson
13 NF5W	George Lottes
15 AI9Q	C. Wayne Schuler
15 KB7VHI	Alvin Carlson
21 KA7NAN	Sharon Coan
24 W7VPV	Richard Booth
26 KA7RNN	Roger Noyes
27 KB7POR	Alan Chinnock
27 K7FW	Dale Mosby
28 WB6SHR	Paul Lucas

Updates and corrections to
w6abm@arrl.net

Paragraphs. From Page 1

As I recall I spent about 20 hours at the EOC. Memorable was being served food prepared in the jail's kitchen for the inmates.

In 1996 the county EOC and the ARES EOC were both in the basement of the old part of the county courthouse in Hillsboro. Ham radios were set up in a side room off the county EOC. As I recall this room contained building electrical equipment and a sump pump. The sump pump was running almost continually because of the high water table resulting from all the rain. I still remember how annoying its noise was.

It didn't take long before we became involved in emergency communications into Vernonia. As good fortune would have it there were ham radio operators in Vernonia. I remember arranging for a helicopter to pick up a child with a medical emergency. By the second day of operations many ham radio operators were volunteering to assist at the EOC. This allowed me to secure.

ARES District 1 activated an emergency net to assist with the problems at Vernonia. The first things that the grocery stores in Vernonia were running short of were milk and feminine hygiene products. As I recall hams asked for donations from a number of groceries stores in the area and managed to get them delivered taking back roads and using 4-wheel drive vehicles.

What is disconcerting to me is how busy hams were kept just helping the small community of Vernonia. I wonder what kind of impact the ham radio community would have should the Portland metro area need emergency communications without more involved than in 1996.

Gratefully, the Vernonia experience was a wake up call. Under the leadership of Ben Johnson with the assistance of movers and shakers such as Sharon Kennedy, Hillsboro's emergency manager; Ernie and Claire Johnson, Ken Willhelmi and others, Washington County ARES is now a vibrant organization. Now, rather than 3 or 4 who attended monthly meetings in 1996, there are more like 40 or 50 now. Washington County ARES has worked with the governmental agencies in the county to install ham radio equipment within their facilities. An ongoing training program is offered to ARES members as well as regularly scheduled simulated emergency tests (SET).

GRASSROOTS CONTACT WITH LAWMAKERS

The ARRL Board of Directors will place greater emphasis on the League's nascent grassroots lobbying effort. Implemented last year, the Grassroots Legislative Action Plan involves direct contact with lawmakers in members' home districts and motivating legislative support for Amateur Radio-related legislation through letter writing by members.

"We want to step up the pace of implementing that plan," ARRL CEO David Sumner, K1ZZ, explained after the Board meeting. Acting on a motion from Grassroots Legislative Action Committee Chairman Frank Fallon N2FF, ARRL Hudson Division Director -- the Board adopted a resolution shifting oversight of the Grassroots Legislative Action Committee to the ARRL Executive Committee (EC), which will monitor its success. Fallon said that putting the grassroots initiative under the EC will "clarify the reporting responsibility and incorporate the program into the Board culture." Fallon sits on the EC.

During the ARRL 2005 National Convention at Dayton Hamvention, Fallon and Great Lakes Division Director Jim Weaver K8JE, urged ARRL members to get vocal about legislative issues of importance to ham radio by letting their elected representatives know how they feel.

Fallon turned over the chairmanship of the panel to Weaver. He will remain a committee member and says he's encouraged by the changes the Board took and the fact that new ARRL President Joel Harrison W5ZN, made the grassroots program a significant part of his post-election remarks to the Board.

Paragraphs, from Column 1

To be of true assistance during an emergency, you need to be actively involved with your county ARES unit. Please consider registering with your county ARES unit.

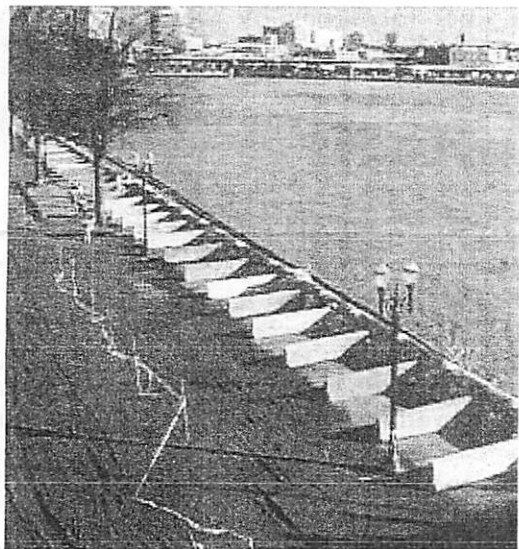
Happy Ground Hog's Day (2/2) / Valentine's Day (2/14) / President's Day (2/20)

73

Don



1996 FLOODING IN VERNONIA

FOUR FOOT WALL
PROTECTING DOWNTOWN
PORTLAND

CRAFT SKILLS NEEDED AT SEA-PAC

The "Bored Spouses" Room at SEA-PAC has included a project (or more than one) that spouses may complete. These are usually craft or hand-work projects. This year's "Bored Spouses" Room needs additional leadership in this area.

Interested persons may contact Will Sheffield N7THL. Will is one of the "Co-Chairs" of SEA-PAC and a member of the OTVARC Board.

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SUITSAT from Page 1

SuitSat's 145.990 MHz signal should be able to be heard with a handheld ham radio transceiver or a common scanner with a modest antenna. It will identify itself by saying "This is SuitSat-1 RSORS" in several Languages.

SuitSat's telemetry will include mission time, temperature and battery voltage (28 V is nominal). It will also beam down a picture, similar in resolution to a cell-phone quality picture. To conserve its battery, SuitSat's temperature controls will be turned off. This means the suit, which may spin when it is let loose, will be exposed to the sun's intense heat with no way to regulate its internal temperature. If all goes as planned, SuitSat will transmit its messages on a nine-minute cycle as it orbits Earth. Its batteries should hold out for about a week after deployment, and SuitSat itself will re-enter Earth's atmosphere after some six weeks in space.

Will the suit overheat? How long will the batteries last? Can we earthlings get a clear signal if the suit tumbles? Lessons learned from this inaugural SuitSat deployment will help ARISS in planning future SuitSat ventures -and at least one more surplus space suit remains aboard the ISS. The hams are already looking at it and dreaming.

HAMFESTS & CONVENTIONS

18 Feb 2006

26th Annual Salem HamFair

Rickreall, Oregon
Polk County Fairgrounds
Salem Repeater Association
<http://www.qsl.net/w7sra/>
PO BOX 17803
SALEM, OR 97305
Phone: 503.507.6523
Email: wc7m@arrl.net

11 Mar 2006

Electronics Show & Fleamarket

Puyallup, Washington
Pavilion Exhibition Hall
Western Washington Fairgrounds
Mike and Key ARC
<http://www.eskimo.com/~mwdink/fleainfo.html>
Michael Dinkelman, N7WA
22222 148th Avenue SE
Kent, WA 98042
Phone: 253-631-3756
Email: mwdink@eskimo.com

16 - 18 June 2006

SEA-PAC '06

ARRL Northwestern Division Convention

Seaside, Oregon
Oregon Tualatin Valley ARC
<http://www.seapac.org>
Box 25466
Portland OR 97298-0466
Will Sheffield N7THL
n7thl@arrl.net

FCC BROADBAND POLICY

The Federal Communications Commission adopted an official policy statement that outlines four principles to encourage broadband deployment and preserve and promote the open and interconnected nature of public Internet: (1) consumers are entitled to access the lawful Internet content of their choice; (2) consumers are entitled to run applications and services of their choice, subject to the needs of law enforcement; (3) consumers are entitled to connect their choice of legal devices that do not harm the network; and (4) consumers are entitled to competition among network providers, application and service providers, and content providers. Although the Commission did not adopt rules in this regard, it will incorporate these principles into its ongoing policymaking activities. All of these principles are subject to reasonable network management.

"FULL HOUSE" EXAM SESSION

The January 7th Test Session served seventeen persons, one of whom passed all written exams through Extra Class but will re-test for CW. Several upgrades to General were achieved, and a number of new Technician Class licensees were successful. The next Test Session is set for February 4th. Thanks to Kevin Bersch KE7VIN, Everett Curry W6ABM, and Dennis Newton AC7UY for serving as the VE panel.

Carl Clawson WS7L, and Kevin Bersch KE7VIN, are OTVARC VE team leaders. The Club offers all exams on the first Saturday at 1:00 PM at Ronler Acres Fire Station, 4455 NW 229th Ave, Hillsboro, across from Hillsboro Stadium.

Pre-register for exams by contacting Carl, WS7L, at ws7l@arrl.net or by phone at 503.629.5796.

Check the OTVARC Web www.otvarc.org/ve for more information.

Randy McCloy KC8VKZ Moved To Rehab

Injured miner Randy McCloy KC8VKZ, sole survivor of the January 2 Upshur County, WV, coal mine tragedy, has been transferred to a rehabilitation center. McCloy, 26, was moved on January 26. McCloy's condition remains fair. He is no longer in a coma, but remains unable to speak, according to his physician, Dr Larry Roberts. McCloy's fever has dropped and he has not needed kidney dialysis in the past few days. Well-wishers have been sending cards and QSLs to McCloy at PO Box 223, Philippi, WV 26435. A fund has been set up to accept donations for McCloy's benefit: The Randal McCloy Jr Fund, c/o Clear Mountain Bank, 1889 Earl Core Rd, Morgantown, WV 26505.

"Start the New Year off right, be kind to your lips!"



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mcorourke@netzero.net

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LUNCH BUNCH

**Saturday February 25, 2006
1:30 PM**

Santa Fe Mexican Restaurant
11900 SW Beaverton-Hillsdale Hwy
Beaverton

Questions?

Linda Sutton KC7YTD
kb7pvw@arrl.net or 503.246.8879

TRAVELERS'

**For
The Next Event**

CONTACT:

Betty Mickley N7REX
n7rex@teleport.com

BOARD OF DIRECTORS

President Donald Stettler KK7TN
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503.286.5581 stevewa@spiritone.com

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503.629.5728 kb7vhi@arrl.net

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503.531.3721 wes@controltek.com

Pat Colton KC7TOA
503.641.3930 plcolton@juno.com

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Phil Kane K2ASP
503.292.2350 k2asp@arrl.net

Will Sheffield N7THL
503.642.7314 n7thl@arrl.net

CLIP and save for reference

This Information available at www.otvarc.org

ROSTER COMING IN FEBRUARY

Annual membership renewal is open in February. The Annual Club Roster will be issued by February 15th. Only current members are included in the Roster.

All members in 2005 received update information in December. If you need another copy, email w7otv@arrl.net and ask for one. Membership in Oregon Tualatin Valley Amateur Radio Club for 2006 is \$18.00 (Regular member) and \$ 23.00 (Family/Household). Dues unpaid by January 31, 2006 are delinquent.

Regular and Family Membership is open to any licensed amateur radio operator. Non-licensed persons are invited to join as Associate Members. Associate Members hold all rights and privileges except the right to hold office or vote for officers and trustees. New Member Applications are \$ 20.00 which includes an application fee.

Contributions from Life Members for Scholarship, Repeater, or General use are encouraged. We encourage Life Members to review and update their information with the club annually.

Use the club's postal address:

Oregon Tualatin Valley ARC
880 NE 25TH AVE STE 2-160
HILLSBORO OR 97124-6258

2006 FIFTH WEDNESDAY CONTESTS

March 29 August 30
May 3 November 29

8:00 — 9:00 PM

147.54 MHz Simplex

DC POWER

We know how to make connections

Wes Allen, K7WWG President
665 SW 167th Ave. 503-531-4081
Beaverton, Oregon 97006

Amateur Radio Newline

Amateur Radio Newline has produced nearly 1,500 news programs filled with stories affecting amateur radio. Begun as a telephone answering system containing the weekly report, the system has grown to provide various media.

Weekly reports are available on many repeaters across the US, on the Internet at www.arnewline.org/ and as scripts that may be read as a part of broadcast news programs. You may download a podcast or MP3 for personal and community use.

Amateur Radio Newline is a volunteer activity. All participants in the **Amateur Radio Newline™** operation are professionals in the news media who have volunteered their time and skills to help prepare each weekly bulletin. Jim Hendershot WA6VQP and Bill Pasternak WA6ITF are founders of this volunteer project. Pasternak, speaker at SEA-PAC '04, currently serves as President. More than two dozen other hams serve as production and on-air reporters for Newline. Funds to support the project are derived from funds giving by amateurs. Information on making a contribution may be found on the Newline web site.

Newline sponsors the Young Ham of the Year Award and recently created and sponsors the Roy Neal K6DUE Amateur Radio Mentoring Project. This is a program designed to take newly licensed radio amateurs and place them one-on-one with veteran hams so that they may learn the traditions and operating skills that no classroom or home-study environment can teach.

OTVARC "EXECUTIVE SEARCH"

Leadership of an amateur radio club is one element of that club's success and growth. At the first Board of Directors meeting of the year, newly re-elected President Don Stettler KK7TN, and Vice President Everett Curry W6ABM, re-stated their desire to help the club identify the 2007 occupants of these offices. Both have served several terms as club officers and board members. They emphasized the fact that they are not planning to withdraw from club activity, but intend to help their successors succeed in these roles.

Interested in serving as a club officer or trustee? Now is the time to begin "preparation" for service in these roles by learning from existing board members.

This may be addressed to YOU!

The 9-0-# SCAM

The 9-0-# scam has been around for years and is directed at businesses, hospitals, government agencies and other organizations that use telephone switching equipment to handle their calls, private branch exchanges (PBXs). It primarily involves "social engineering." This type of fraud involves a perpetrator who calls an office and cons an unsuspecting worker into transferring him or her to an outside line.

The perpetrator is then able to dial calls that are charged to the owner of the PBX. In the latest version, the caller claims to be an AT&T service technician "repairing" the phone lines and convinces the recipient to help out by transferring him to an outside line and then hanging up.

Here are points about this scam worth remembering:

- This scam doesn't affect residential customers; its target is businesses.
- An AT&T service technician would never call customers and ask them to help check phone lines.
- The scam is generating a lot of interest in the media and over the Internet, but our network fraud experts report no increase in the number of fraud cases as a result of this notoriety.
- The best prevention against this type of fraud is for business managers to make their office staffs aware of it and to review what to do if it happens.
- If someone receives such a call, he or she should ask the "technician" for a call-back number or for the name and number of the caller's supervisor. Then hang up.

To report this or any other phone scams AT&T business customers should call their account representatives. You also can call the AT&T Business Customer Care Center at 800-222-0400, or report the scam to your local law enforcement agency.

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2006 PUBLIC SERVICE EVENTS

MS Walk	April 8 th	www.orcnmss.org
Reach the Beach	May 20	www.reachthebeach.org
Rose Festival Parade	June 10	www.rosefestival.org
Weekend Cycle Oregon	July 23 & 23	www.cycleoregon.com
Summit To Surf	July 29	www.summittosurf.org
MS 150	August 5 and 6	www.orcnmss.org
Midnight Bike Ride	August 12	www.midnightbikeride.com
Bridge Peddle	August 13	www.providence.org/Oregon/Events/Bridge Peddle/default.htm
Hood To Coast	August 25 & 26	www.hoodtocoast.com
Cycle Oregon	September 17 to 23	www.cycleoregon.com
Lance Armstrong LIVESTRONG Ride	September 24	www.livestrongride.com
Race For The Cure	September 24	www.raceforcure.com
Portland Marathon	October 7 th	www.portlandmarathan.com

For more information, contact Public Service Coordinator,
Randy Stimson KZ7T <kz7t@arrl.org>

CLIP AND SAVE

CC&Rs: Another Approach

I have served on the Acworth, GA Board of Aldermen (City Council) for seven years. Most new residential subdivisions require a public hearing and approval from the board. Almost all of the subdivision applications that we see have provision for CC&Rs and we require them to have a homeowner's association.

During these hearings, I began to ask developers if they would have any objection to a stipulation that would allow homeowners to install amateur radio antennas in their new subdivisions. They were all agreeable and a stipulation was added to each approval requiring that the antennas not be prohibited. Only one developer indicated that he had a problem with it and after staff explained to him that any towers would have to meet building codes and would not pose a liability to the developer, then he was agreeable.

Due to the surge in growth we have experienced, staff was in the process of developing a new zoning ordinance for the city. Both myself and Alderman Bob Weatherford (K14COP) asked for a provision to allow antennas in new subdivisions with CC&Rs and homeowners' associations. The other three members of the Board were in agreement and the new ordinance

was passed in November. The CC&R restriction will apply only to residential development that occurs on or after its date of adoption. Any neighborhoods with existing CC&Rs will not be affected since they are a legal agreement accepted by the property owner at the time of purchase.

I think there is a general public awareness in our city of the important role that the amateur radio community plays in emergency communications. Since the events of 9/11 and the severe hurricane season, there is a greater sense that it is desirable to have amateur stations in our communities in the event that disaster strikes.

Hams should work actively to develop good working relationships with their local governments, planning and zoning authorities. It is much easier to deal with restrictive provisions before a subdivision is developed.

Thank you for inviting me to prepare the story of our experience for The OSCILLATOR.

73,

Tim W4IOU

June 16, 17 & 18, 2006

www.seapac.org

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ARRL CONVENTION

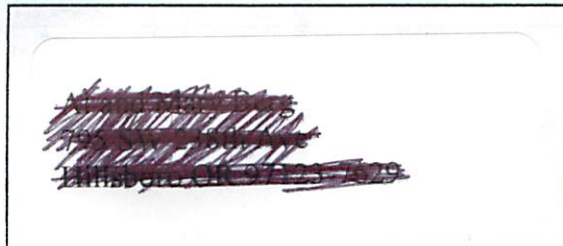
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Editor: Everett W6ABM
w6abm@arrl.net



CLUB MEETING
FEBRUARY 8

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